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Ann Sarelli

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PATENT

Attorney Docket No. 15422-70
Roche Docket No. 2599

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Higuchi, et al.) Examiner: R. Prouty
Serial No.: 07/695,201) Art Unit: 1814
Filed: May 2, 1991) AMENDMENT
For: HOMOGENEOUS METHODS FOR)
NUCLEIC ACID AMPLIFICATION)
AND DETECTION)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The following remarks are in response to the non-final Office Action mailed July 22, 1993. A Rule 132 Declaration and a petition for a three month extension in which to respond is also enclosed.

REMARKS

Applicants gratefully acknowledge withdrawal of all previous rejections. Claims 1-22 are pending. All claims are currently rejected over a single obviousness rejection.

This invention provides for a means of simultaneously amplifying and detecting amplified target nucleic acid. Simultaneous amplification and detection is made possible through the use of DNA binding agents which give a photodetectable signal when bound to duplexed nucleic acid. Through the use of